WV-off

United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3460

Date: February 3, 1999

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Summaries of the 1983-1998 gypsy moth program conducted at 14 Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing trap locations for those sites having positive male moth catches (Figures 1-8). The purpose of the trapping program is to monitor low level gypsy moth populations and help determine when more intensive survey methods should be employed.

Listed below is a brief summary of the 1998 results:

- No gypsy moths were trapped at Beech Fork Lake, Bluestone Lake, East Lynn Lake and Summersville Lake.
- Alum Creek, Burnsville Lake, Deer Creek Lane and Delaware Lake experienced a decrease in the average number of male moths per trap in 1998.
- There was little change in the average number of male moths per trap in 1998 at Mohawk Dam, North Branch of Kokosing River and R.D. Bailey Lake.
- Dillon Lake and Sutton Lake experienced increases in the average number of male moths per trap in 1998. At Sutton Lake, the average moth count per trap in 1998 was 1.5, compared to 1.0 in 1997. At Dillon Lake the average moth count per trap was 10.0 in 1998, and 2.0 in 1997.

Based on these results, more intensive survey methods continue to be unnecessary at all of the Corps sites.

As stated in the letter I sent you on December 9, 1998, Corps sites in West Virginia will be incorporated into the Slow the Spread (STS) trapping program, and our office will no longer be sending gypsy moth traps to these sites. Personnel from the West Virginia Department of Agriculture will be contacting you and/or the sites regarding this change.

The STS trapping program data is recorded into a geographic information system (GIS). Please have the appropriate person contact Monica Fleming, GIS Specialist with the WVDA at (304) 558-2292 in regards to getting accurate property boundaries of these WV Corps sites incorporated into GIS.

Karen

Also enclosed is a copy of WVDA"s "1998-1999 Gypsy Moth Update". This update contains useful information about the gypsy moth programs in West Virginia. A couple of things that may be of interest to you are the tables, that contain the 1998 trapping data results by county, and the map showing the 2K, 3K, and 5K trapping grid areas.

If you have any questions regarding the STS program, feel free to contact John Omer, STS Coordinator, Morgantown Field Office, USDA Forest Service at (304) 285-1554 or Mr. Jan Hacker, West Virginia STS Coordinator with the West Virginia Department of Agriculture at (304) 558-2292.

Our office would like to continue the trapping program at the same intensity at the Ohio Corps sites in 1999.

Thank you for your continued cooperation and if you have any questions regarding this report, please call me at (304) 285-1556.

Sincerely,

Karen D. Felton

KAREN D. FELTON
Biologist
Forest Health Protection

Enclosures

cc: AO
Robert Wattenshaitt, Alum Creek
Michael Hatten, Beech Fork Lake
Dean Bonifacio, Bluestone Lake
Jeff H. Toler, Burnsville Lake
Bonnie Maki, Deer Creek Lake
Ben O'Dell, Delaware Lake
Mindy Hogan, Dillon Lake
Mike Smith, East Lynn Lake
Todd Milnes, Paint Creek Lake
Bob Cifranic, R.D. Bailey Lake
Mary Benson, Summersville Lake
Toby Wood, Sutton Lake
Richard Berkes, Mohawk Dam
Richard Berkes, North Branch of Kokosing River
Allen Baumgard, OHDA
Mr. Jan Hacker, WVDA
John Omer, USDA Forest Service

KDF/blm

Table 1.—Summary of the 1983-1998 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	1	9
1987	15	0	- -
1988	15	0	- -
1989	15	0	- -
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1, 2, 4, 6, 7, 11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5, 7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15

Beech Fork Lake (Wayne County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	3
1990	15	5	3, 4
1991	14	7	3, 7, 8, 12
1992	20	0	- -
1993	18	0	- -
1994	20	- -	- -
1995	17	0	- -
1996	20	0	- -
1997	20	0	- -
1998	20	0	- -

Bluestone Lake (Summers County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	25	0	- -
1984	25	0	- -
1985	25	0	- -
1986	26	0	- -
1987	26	0	- -
1988	26	0	- -
1989	25	1	17
1990	25	1	23
1991	25	0	- -
1992	25	0	- -
1993	25	0	- -
1994	25	0	- -
1995	25	0	- -
1996	25	0	- -
1997	25	0	- -
1998	25	0	- -

Burnsville Lake (Braxton County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	- -
1984	20	0	- -
1985	20	0	- -
1986	20	0	- -
1987	18	0	- -
1988	21	2	1, 13
1989	17	0	- -
1990	21	9	2, 4, 8, 12, 13, 15, 17
1991	14	14	All
1992	15	12	1, 2, 4, 6, 9, 13, 15
1993	15	14	All except 1, 5, 9, 10, 13, 14
1994	15	13	6, 10, 12, 15
1995	12	12	2-5, 7, 9, 11, 12, 15
1996	12	12	1, 2, 9, 10, 12-14
1997	16	43	1-3, 5-9, 11-15
1998	18	38	1, 6, 7, 8, 11-14

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	13	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	15
1990	15	0	- -
1991	15	0	- -
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	- -
1995	18	0	- -
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	0	- -
1987	15	0	- -
1988	12	0	- -
1989	12	0	- -
1990	12	0	- -
1991	10	0	- -
1992	10	1	9
1993			No traps deployed
1994	12	0	- -
1995	15	3	4, 12, 13
1996	15	1	14
1997	15	45	2-5, 7-13, 15
1998	15	3	2, 7, 13

Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	4	4, 11
1987	15	0	- -
1988	16	0	- -
1989	16	9	2, 6, 8, 11-13,15
1990	16	0	- -
1991	16	11	4-6, 8, 9, 11, 13, 14, 16
1992	16	31	All except 4, 7, 8, 16
1993	3	6	17, 18
1994	16	15	2, 5, 6, 12, 13, 14, 15
1995	- -	- -	Traps not deployed
1996	14	21	1, 3, 7, 8, 11-13
1997	15	27	1, 2, 5, 8, 10-12, 15
1998	14	141	All except 11

East Lynn Lake (Wayne County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	25	0	- -
1984	25	0	- -
1985	34	0	- -
1986	31	0	- -
1987	33	8	8
1988	33	0	- -
1989	33	0	- -
1990			No data
1991	33	0	- -
1992	34	0	- -
1993	35		- -
1994	35	0	- -
1995	33	0	- -
1996	35	0	- -
1997	35	0	- -
1998	35	0	- -

Mohawk Lake (Coshocton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	12	0	- -
1985	10	0	- -
1986	10	0	- -
1987	8	1	3
1988	9	0	- -
1989	9	2	5, 7
1990	9	9	1, 2, 4, 5, 9
1991	9	3	4, 6, 8
1992	9	29	All except 4
1993	9	89	All
1994	9	29	1, 2, 5, 6, 7, 8
1995	13	168	All
1996	15	223	All
1997			Traps not deployed
1998	4	66	Campsite 9, 29, 22 and entrance

North Branch Kokosing River (Know County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984			Traps not deployed
1985	13	1	8
1986	10	0	- -
1987	8	0	- -
1988	9	0	- -
1989	9	0	- -
1990	9	0	- -
1991	9	0	- -
1992	9	2	4, 5
1993	9	1	3
1994	9	0	- -
1995	15	2	10, 13
1996	11	12	1, 2, 4, 5, 11, 13, 15
1997			Traps not deployed
1998	6	7	1, 2, 3

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	10	0	- -
1985	10	0	- -
1986	12	3	2
1987	12	0	- -
1988	10	0	- -
1989	10	6	5, 7, 8, 9
1990			No Data
1991	10	0	- -
1992	12	0	- -
1993	14	0	- -
1994	13	6	3, 4, 12, 13
1995	14	15	3, 4, 10-13
1996	13	10	3, 4, 8, 9, 11,1 3
1997	14	21	2, 7-13
1998			No data

R. D. Bailey Lake (Mingo and Wyoming Counties, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	24	0	- -
1984	25	0	- -
1985	25	0	- -
1986			Traps not deployed
1987	27	1	3
1988	26	0	All traps stolen
1989	25	0	- -
1990	25	10	8, 13, 25
1991	18	0	- -
1992	24	0	- -
1993	19	0	- -
1994	19	0	- -
1995	18	0	- -
1996	12	18	1, 2, 6, 10, 11, 13-16
1997	9	8	2, 5, 8-11, 14
1998	17	15	~~1-3, 5-7, 9-13, 17~~

1, 3, 4, 5, 6, 7, 10, 11, 12, 14, 16

Summersville Lake (Nicholas County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	0
1984	15	0	0
1985	15	0	0
1986	15	0	0
1987	15	0	0
1988	16	0	0
1989	16	0	0
1990	16	0	0
1991	16	0	0
1992	16	0	0
1993	20	0	0
1994	20	9	2, 13, 14, 17, 18, 20
1995	20	2	5, 16
1996			No data
1997	20	0	0
1998	20	0	0

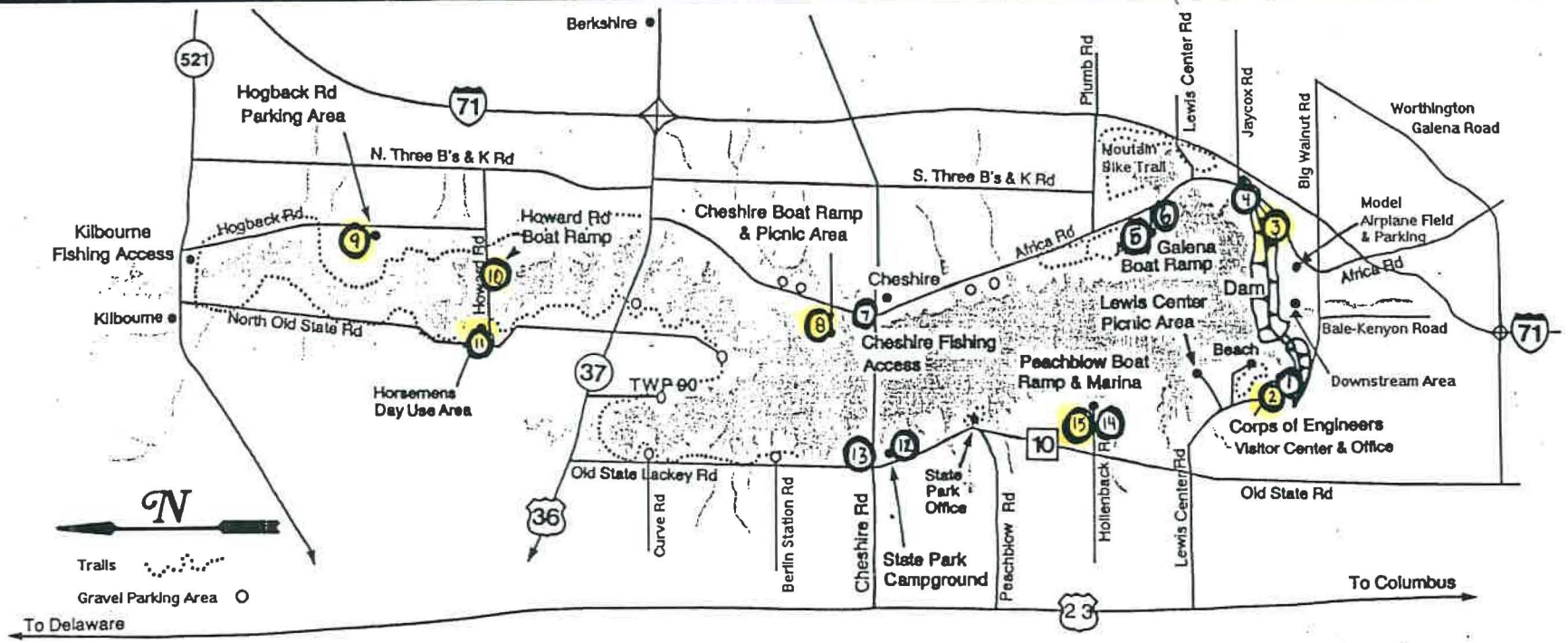
Sutton Lake (Braxton County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	- -
1984	20	0	- -
1985	20	1	6
1986	20	7	1, 5, 7, 9
1987	20	1	13
1988	15	1	7
1989	15	2	8, 15
1990	15	3	4
1991	15	0	- -
1992	15	4	8, 12
1993	20	17	1, 4, 5, 13, 18, 20
1994	20	33	4, 7, 9, 13, 14, 15
1995	20	218	1, 2, 4-6, 10-13, 15, 16
1996	12	27	3, 4, 11-13, 17, 20
1997	20	11	11, 17, 20
1998	19	30	- -

Figure 1.--1998 gypsy moth trap locations.

US Army Corps of Engineers
Huntington District

Alum Creek Lake Opportunities



Parking · Restrooms · Picnic Area · Fishing Access · Boat Ramp · Swimming · Showers · Marina · Camping Area · Telephone · Hiking Trail · Information

The Corps of Engineers and the state of Ohio have planned jointly to provide you and your family with a wide variety of recreation facilities for your relaxation and enjoyment. We have worked hard to provide you with the best facilities available and we hope you will care for them and enjoy them.

The Alum Creek Lake Visitor Center is open year around. Facilities and services include exhibits, information, maps, brochures, a movie theater, and restrooms. A variety of guided walks, talks, and other programs are offered free of charge by the U.S. Army Corps of Engineers.

For additional information call: (614) 548-6151

For taped message on lake information call: (614) 548-5889

Recreation Facilities

Beach	P
Lewis Center Picnic Area	P
Peachblow Boat Ramp & Marina	P
State Park Campground	
Horsemen's Day Use Area	P
Kilbourne Fishing Access	P
State Park Office	P
Howard Rd Boat Ramp	P
Hogback Rd Parking Area	P
Cheshire Boat Ramp & Picnic Area	P
New Galena Boat Ramp	P
Cheshire Fishing Access	P
Downstream Area	P
State Parking Area & Fishing Access	P

=Positive male moth catch

Figure 2.--1998 gypsy moth trap locations.

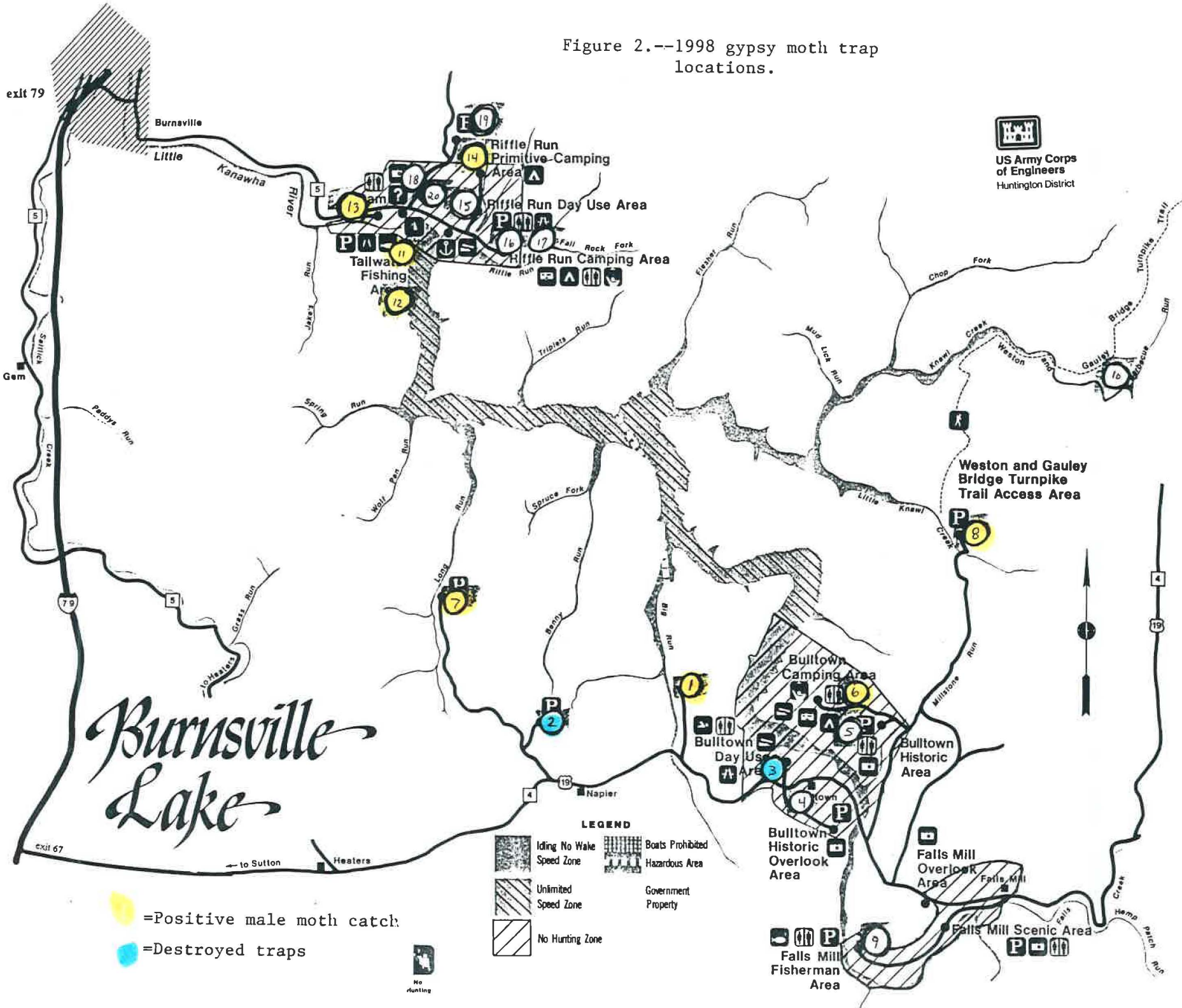
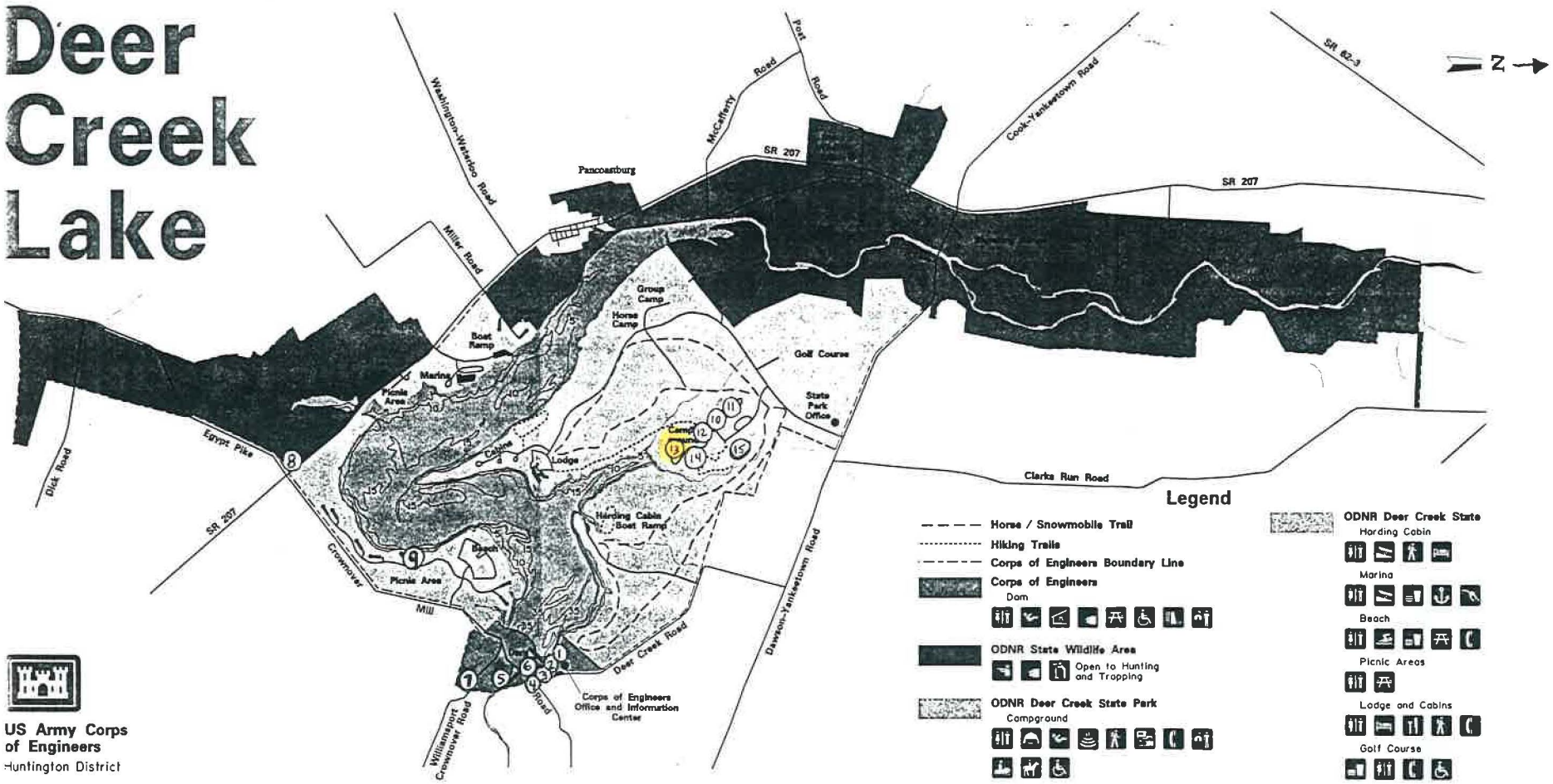


Figure 3.--1998 gypsy moth trap locations.



=Positive male moth catch

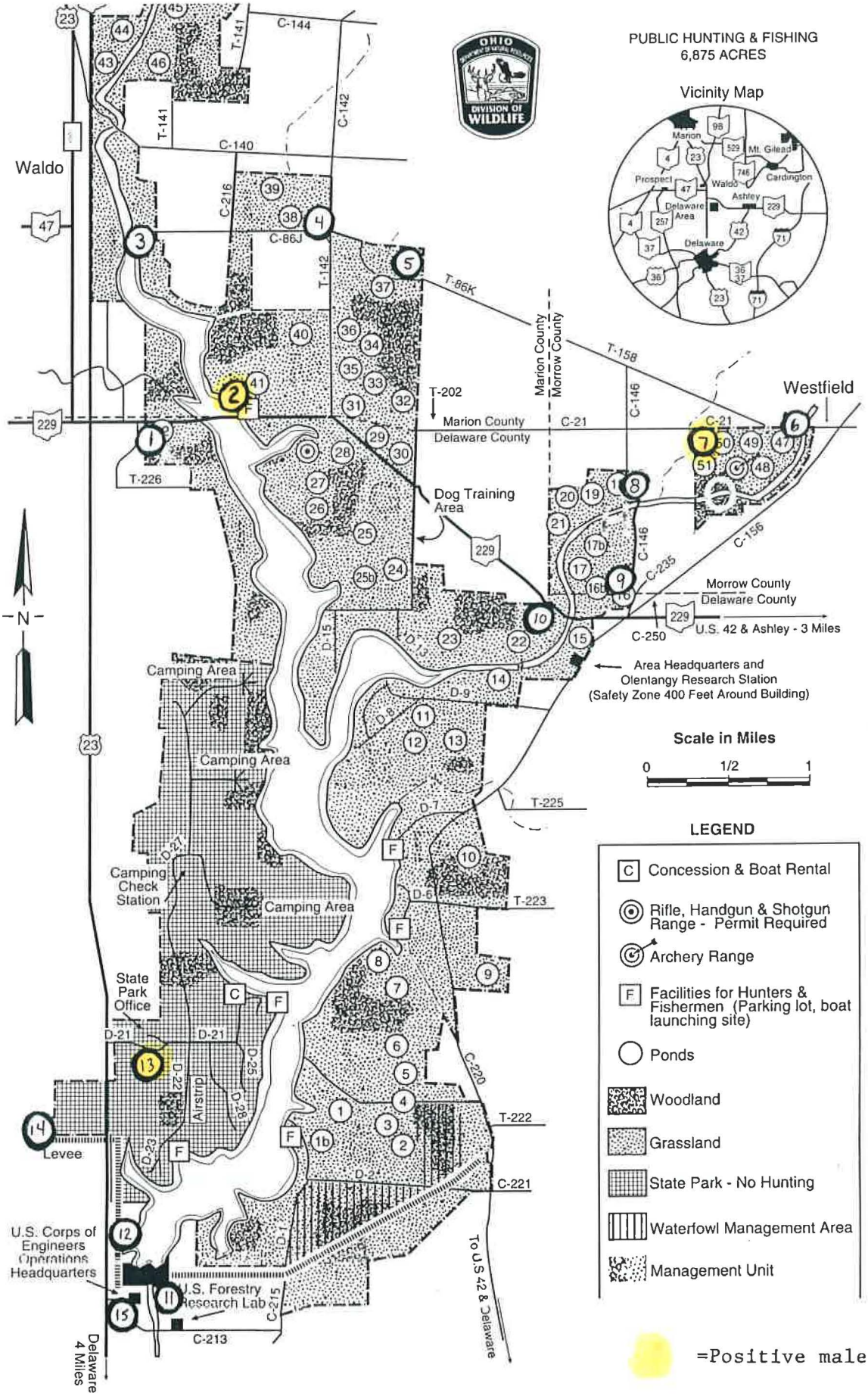
Figure 4.--1998 gypsy moth trap locations.

Division of Wildlife
Ohio Department of Natural Resources

DELAWARE WILDLIFE AREA

Delaware, Marion & Morrow Counties

Publication 107
(R1296)

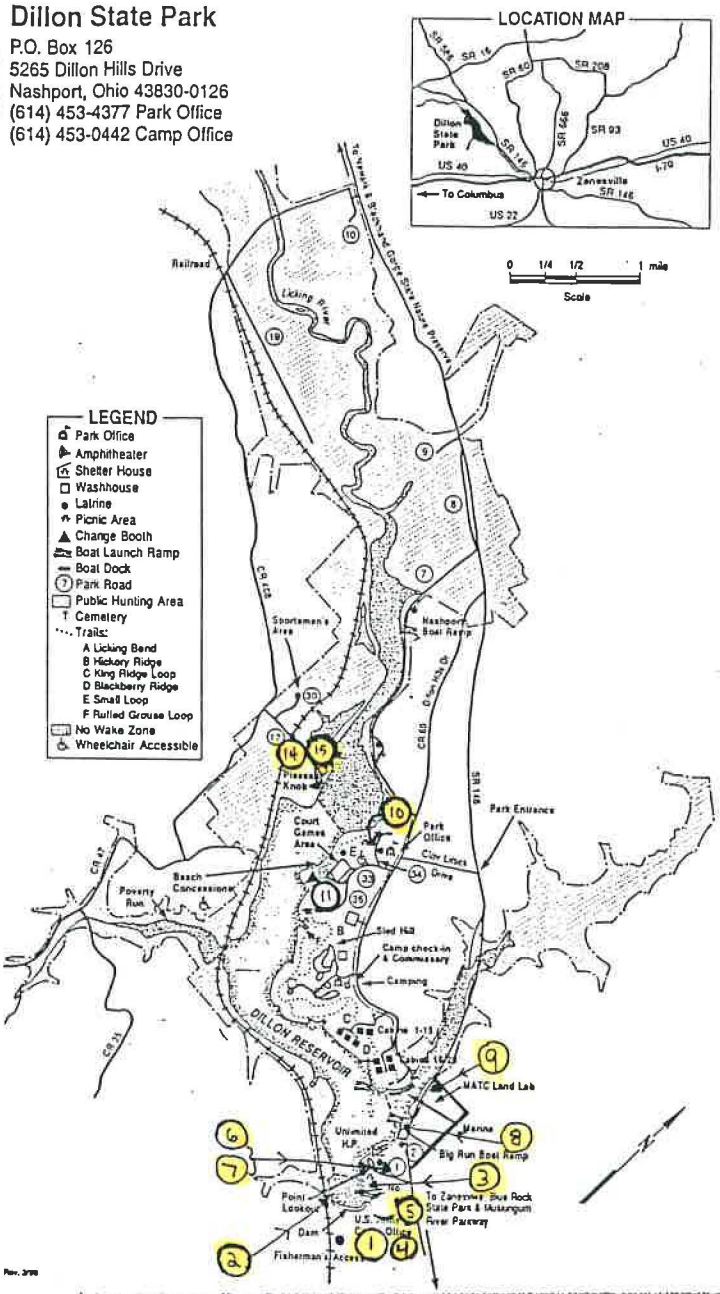


=Positive male moth catch

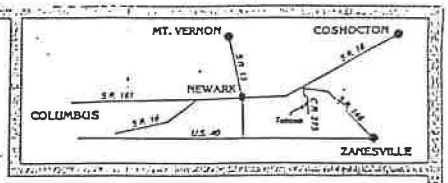
Dillon State Park
P.O. Box 126
5265 Dillon Hills Drive
Nashport, Ohio 43830-0126
(614) 453-4377 Park Office
(614) 453-0442 Camp Office

Figure 5.--1998 gypsy moth trap locations.

=Positive male moth catch



Blackhand Gorge State Nature Preserve



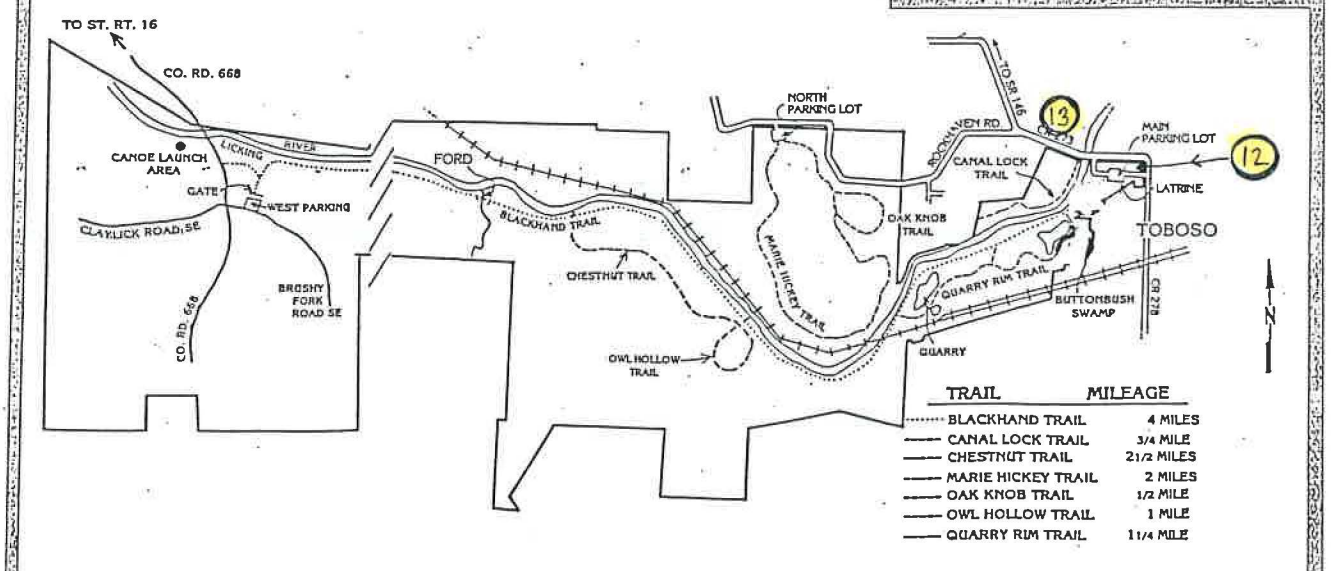
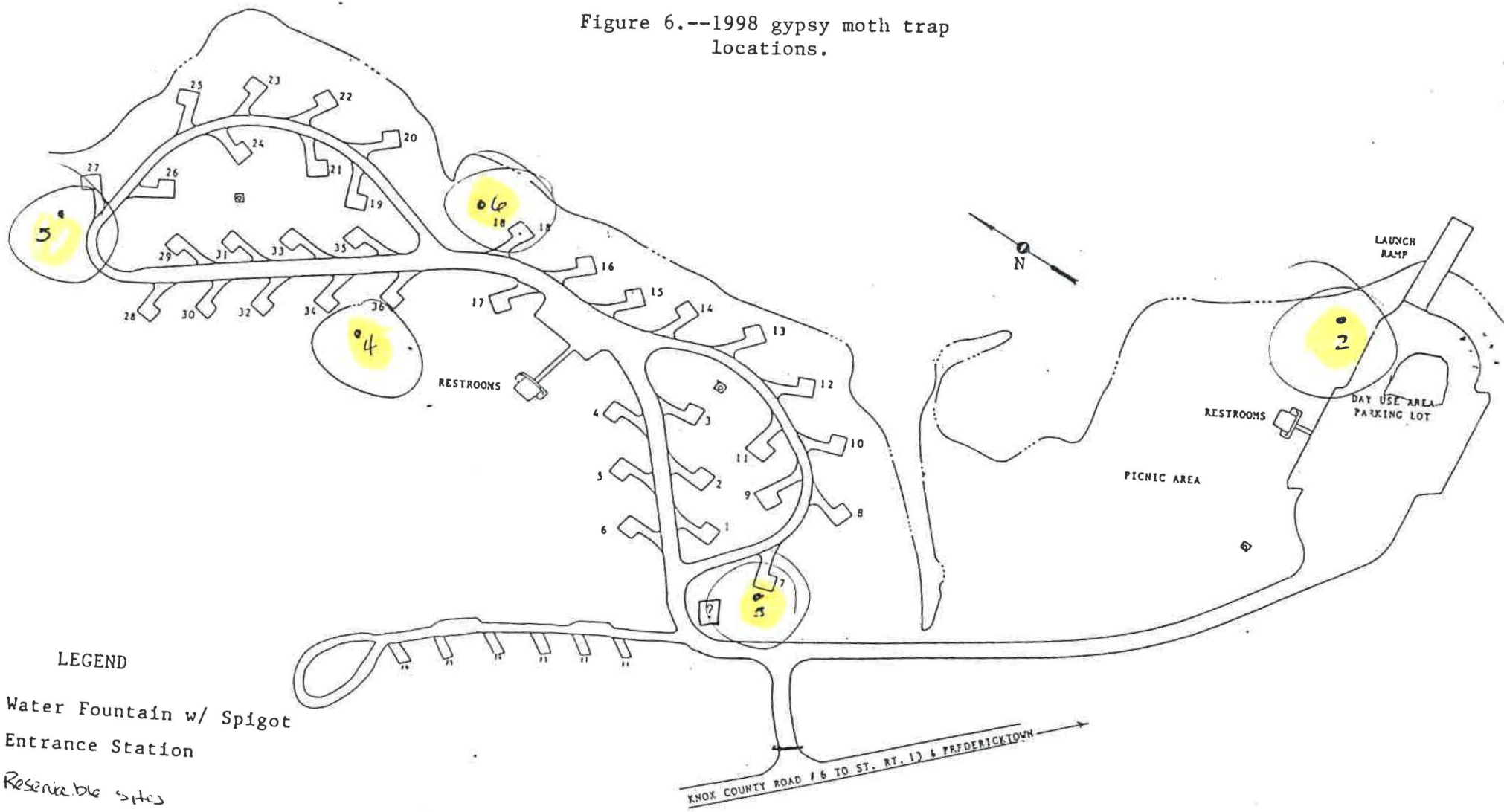


Figure 6.--1998 gypsy moth trap locations.



LEGEND

Water Fountain w/ Spigot

Entrance Station

17 Reservable sites

=Positive male moth catch

NORTH BRANCH OF KOKOSING LAKE

Reservable Sites

Figure 7.--1998 gypsy moth trap locations.

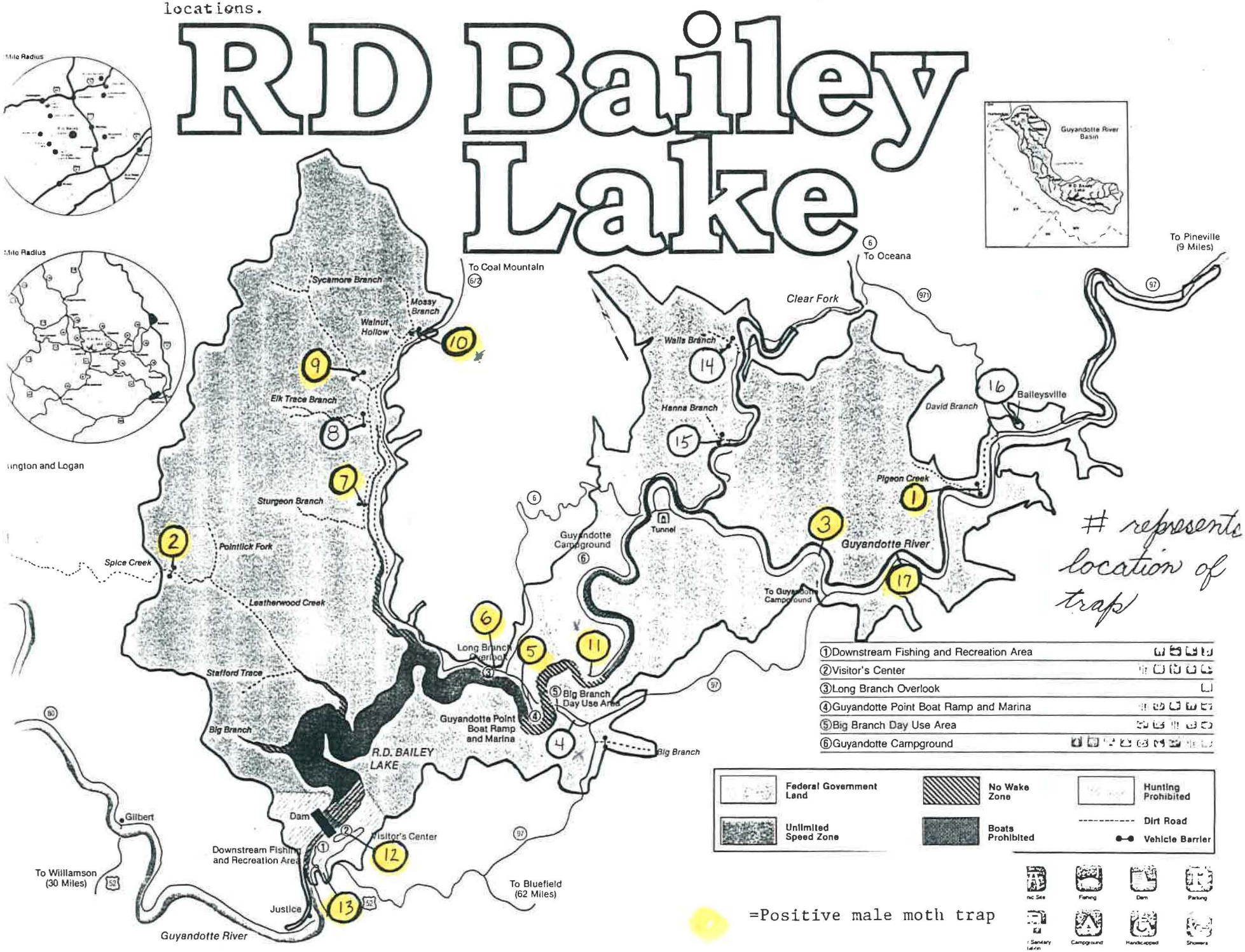
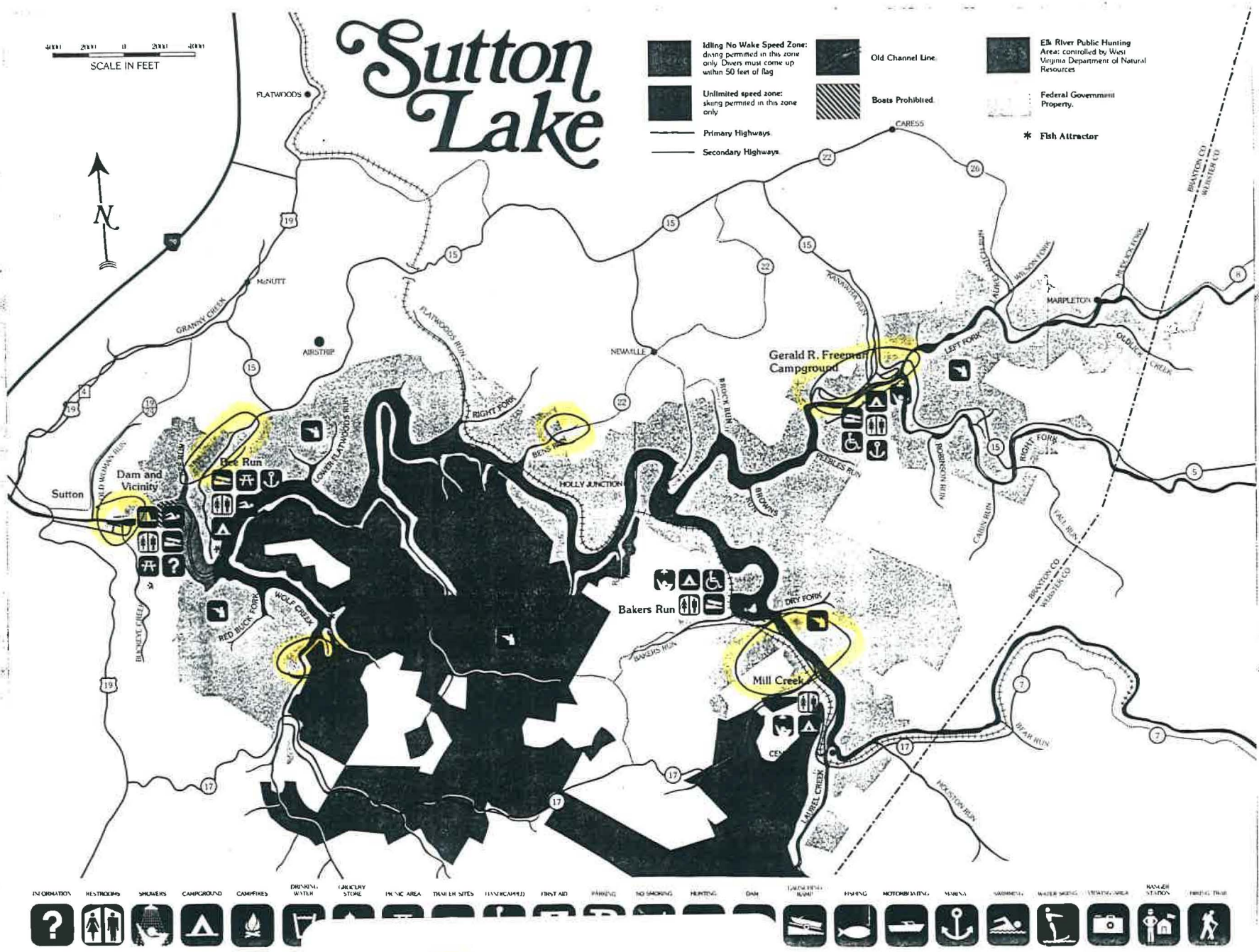


Figure 8.--1998 gypsy moth trap locations.



=Positive male moth catch